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================================================================
Sequence Listing could not be accepted due to errors.
See attached Validation Report.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: markspencer
Timestamp: [year=2008; month=6; day=13; hr=11; min=10; sec=18; ms=170; ]
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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```
Reviewer Comments:
For SEQ ID # 1, 2, 4, 5, 6, 7, 8, 9, 10, 12, 13, 18, 19, 20, 21, 22, 23
24, 25, 26, and 27

<400> 1
tcattggaaa acgttcttcg gggc

The total number of bases per line must be included at the end of each
line in the sequence. The final total must match the length given in
numeric identifier <211>.

<210> 3
<211> 8
<212> PRT
<213> Artificial Sequence
<220>
<223> Synthetic Oligopeptide

<400> 3
Ser Ile Ile Asn Phe Glu Lys Leu
24
30
1/6

For SEQ ID # 3, amino acid sequences must be numbered under every fifth
amino acid starting at 1. Please remove extra information found between
SEQ ID # 3 and SEQ ID # 4.

For SEQ ID # 4, 5, 6, 7, 8, 10, 12, 13, 14, 16, 17, 18.

<210> 4
<211> 20
<212> DNA
<213> Artificial Sequence
<220>

<223> Synthetic Oligonucleotide
<400> 4
tccatgacgt tcctgatgct

Please remove the extra spacing between numeric identifier <220> and
<223>.

For SEQ ID # 2, 19, 20, 21, 22, 23, 24, 25, 26.

<210> 2
 <211> 30
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic Oligonucleotide

<400> 2
accgatgacg tcgccggtga cggcaccacg

Please align numeric identifier <211> with the others to the left.

For SEQ ID # 8,

<210> 8
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Oligonucleotide
<400> 8
gattgcctga cgtcagagag

20

20

20

20

20

<210> 9

Please remove all the spacing and extra material between SEQ ID # 8 and SEQ ID # 9.

For SEQ ID # 14.

<210> 14
18
18
20
20

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Oligonucleotide

<400> 14

agcgggggcg agcgggggcg 20

Please remove spacing and extra information between numeric identifier <210> and <211>.

For SEQ ID # 15.

<210> 15

 equence

<211> 24

<212> DNA

<213> Artificial

<220>

<223> Synthetic Oligonucleotide

<400> 15

tactttcagt ttcatattac tcta 24

Please remove "equence" from the above sequence. Also, remove any extra spacing.

For SEQ ID # 19.

<210> 19
 <211> 20
<212> DNA
20

<213> Artificial Sequence
<220>
<223> Synthetic Oligonucleotide

<400> 19
ctgatttccc cgaaatgatg

Please remove spacing and extra information between numeric identifier
<212> and <213>.

For SEQ ID # 24.

<210> 24
 <211> 20
<212> DNA
<213> Artificial Sequence
<220>
20
20
20
20
20
5/6
<223> Synthetic Oligonucleotide

<400> 24
atataggggga aatttccagc

Please remove spacing and extra information between numeric identifier
<220> and <223>.

For SEQ ID # 27.

<210> 27
<211> 26
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic Oligonucleotide

<400> 27
ctctgacgtc aggggaaatt tccagc
20
20
20
26
6/6

Please remove extra information after the end of the sequence.

****

Application No: 10811226   Version No: 2.0

Input Set:

Output Set:

Started: 2008-05-19 13:46:26.804
Finished: 2008-05-19 13:46:30.379
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 575 ms
Total Warnings: 27
Total Errors: 36
No. of SeqIDs Defined: 27
Actual SeqID Count: 27

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 24 SEQID(1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 30 SEQID(2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
E 323	Invalid/missing amino acid numbering SEQID (3)at Protein (1)
E 323	Invalid/missing amino acid numbering SEQID (3) POS (1)
E 323	Invalid/missing amino acid numbering SEQID (3)at Protein (5)
E 321	No. of Bases conflict, this line has no nucleotides SEQID (3)
W 402	Undefined organism found in <213> in SEQ ID (4)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 20 SEQID(4)
W 402	Undefined organism found in <213> in SEQ ID (5)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 20 SEQID(5)
W 402	Undefined organism found in <213> in SEQ ID (6)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 20 SEQID(6)
W 402	Undefined organism found in <213> in SEQ ID (7)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 20 SEQID(7)

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            Input Set:


            Output Set:



            Started:    2008-05-19 13:46:26.804
           Finished:    2008-05-19 13:46:30.379
            Elapsed:    0 hr(s) 0 min(s) 3 sec(s) 575 ms
     Total Warnings:    27
       Total Errors:    36
No. of SeqIDs Defined:  27
  Actual SeqID Count:   27
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Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (8)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 20 SEQID(8)
E 323	Invalid/missing amino acid numbering SEQID (8) POS (1)
E 323	Invalid/missing amino acid numbering SEQID (8)at Protein (5)
E 321	No. of Bases conflict, this line has no nucleotides SEQID (8)
E 321	No. of Bases conflict, this line has no nucleotides SEQID (8)
E 321	No. of Bases conflict, this line has no nucleotides SEQID (8)
E 321	No. of Bases conflict, this line has no nucleotides SEQID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 18 SEQID(9)
W 402	Undefined organism found in <213> in SEQ ID (10)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 18 SEQID(10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 20 SEQID(12)
W 402	Undefined organism found in <213> in SEQ ID (13)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 20 SEQID(13)
W 402	Undefined organism found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)

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          Input Set:


          Output Set:



            Started:   2008-05-19 13:46:26.804
           Finished:   2008-05-19 13:46:30.379
            Elapsed:   0 hr(s) 0 min(s) 3 sec(s) 575 ms
     Total Warnings:   27
       Total Errors:   36
No. of SeqIDs Defined:   27
  Actual SeqID Count:   27


Error code      Error Description


W   402      Undefined organism found in <213>  in SEQ ID (17)

W   402      Undefined organism found in <213>  in SEQ ID (18)

E   254      The total number of bases conflicts with running total  Input: 0,
             Calculated : 20 SEQID(18)

W   213      Artificial or Unknown found in <213>  in SEQ ID (19)

E   254      The total number of bases conflicts with running total  Input: 0,
             Calculated : 20 SEQID(19)

W   213      Artificial or Unknown found in <213>  in SEQ ID (20)

E   254      The total number of bases conflicts with running total  Input: 0,
             Calculated : 20 SEQID(20)

W   213      Artificial or Unknown found in <213>  in SEQ ID (21)

E   254      The total number of bases conflicts with running total  Input: 0,
             Calculated : 20 SEQID(21)

W   213      Artificial or Unknown found in <213>  in SEQ ID (22)

E   254      The total number of bases conflicts with running total  Input: 0,
             Calculated : 20 SEQID(22)

W   213      Artificial or Unknown found in <213>  in SEQ ID (23)

E   254      The total number of bases conflicts with running total  Input: 0,
             Calculated : 20 SEQID(23)

W   213      Artificial or Unknown found in <213>  in SEQ ID (24)

E   254      The total number of bases conflicts with running total  Input: 0,
             Calculated : 20 SEQID(24)

W   213      Artificial or Unknown found in <213>  in SEQ ID (25)

E   254      The total number of bases conflicts with running total  Input: 0,
             Calculated : 20 SEQID(25)

W   213      Artificial or Unknown found in <213>  in SEQ ID (26)

E   254      The total number of bases conflicts with running total  Input: 0,
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Input Set:

Output Set:

                    Started: 2008-05-19 13:46:26.804
                   Finished: 2008-05-19 13:46:30.379
                    Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 575 ms
           Total Warnings: 27
             Total Errors: 36
    No. of SeqIDs Defined: 27
        Actual SeqID Count: 27

Error code   Error Description

                  SEQID(26)
                   This error has occured more than 20 times, will not be displayed

W   213   Artificial or Unknown found in <213> in SEQ ID (27)

E   323   Invalid/missing amino acid numbering SEQID (27) POS (1)

E   323   Invalid/missing amino acid numbering SEQID (27)at Protein (5)

E   321   No. of Bases conflict, this line has no nucleotides SEQID (27)

E   321   No. of Bases conflict, this line has no nucleotides SEQID (27)

E   321   No. of Bases conflict, this line has no nucleotides SEQID (27)

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<400> 3
Ser Ile Ile Asn Phe Glu Lys Leu
24
30
1/6
<210> 4
<211> 20
<212> DNA
<213> Artificial Sequence
<220>


<223> Synthetic Oligonucleotide
<400> 4
tccatgacgt tcctgatgct
<210> 5
<211> 20
<212> DNA
<213> Artificial Sequence
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<223> Synthetic Oligonucleotide
<400> 5
attgcctgac gtcagagagc
<210> 6
<211> 20
<212> DNA
<213> Artificial Sequence
<220>


<223> Synthetic Oligonucleotide
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tccatgacgt cactgatgct
<210> 7
<211> 20
<212> DNA
<213> Artificial Sequence
<220>


<223> Synthetic Oligonucleotide
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attgcctgac gttcgagagc
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<223> Synthetic Oligonucleotide

<400> 8

gattgcctga cgtcagagag

20

20

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20

<210> 9

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Oligonucleotide

<400> 9

ggaatgacgt tccctgtg

<210> 10

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Oligonucleotide

<400> 10

agctatgacg ttccaagg

<210> 11

 equence

<211> 20

<212> DNA

<213> Artificial

<220>

<223> Synthetic Oligonucleotide

<400> 11

gcttgatgac tcagccggaa 20

<210> 12

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Oligonucleotide

<400> 12

tcgatcgggg cggggcgagc

<210> 13

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Oligonucleotide

<400> 13

tgcagattgc gcaatctgca

<210> 14

18

18

20

20

<211> 20
<212> DNA
<213> Artificial Sequence
<220>

<223> Synthetic Oligonucleotide
<400> 14
agcgggggcg agcgggggcg 20
<210> 15
 equence
<211> 24

<212> DNA

<213> Artificial

<220>
<223> Synthetic Oligonucleotide
<400> 15
tactttcagt ttcatattac tcta 24
<210> 16
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<213> Artificial Sequence
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<223> Synthetic Oligonucleotide
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gtccatttcc cgtaaatctt 20
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tatgcatatt cctgtaagtg 20
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<223> Synthetic Oligonucleotide
<400> 18
gatccttctg ggaattccta
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<213> Artificial Sequence
<220>
<223> Synthetic Oligonucleotide

<400> 19
ctgatttccc cgaaatgatg
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<400> 20

agatttctag gaattcaatc

<210> 21

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<223> Synthetic Oligonucleotide

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gtatttccca gaaaaggaac

<210> 22

 <211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Oligonucleotide

<400> 22

aagcgaaaat gaaattgact

<210> 23

 <211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Oligonucleotide

<400> 23

caggcataac ggttccgtag

<210> 24

 <211> 20

<212> DNA

<213> Artificial Sequence

<220>

20

20

20

20

20

5/6

<223> Synthetic Oligonucleotide

<400> 24

atatagggga aatttccagc

<210> 25

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<212> DNA

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<220>

<223> Synthetic Oligonucleotide

<400> 25

caaaaaaatt tccagtcctt

<210> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Oligonucleotide

<400> 26

atgttttcct gcgttgccag

<210> 27

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Oligonucleotide

<400> 27

ctctgacgtc aggggaaatt tccagc

20

20

20

26